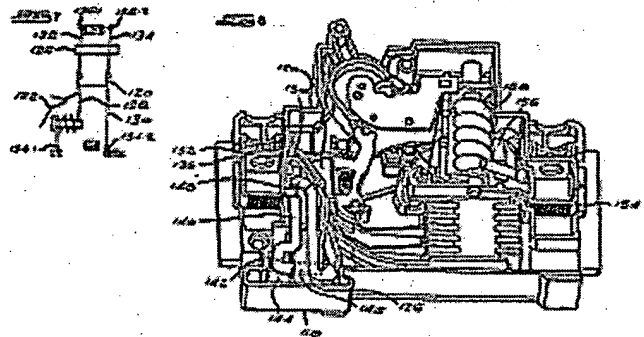


# Earth leakage current circuit breaker

**Patent number:** GB2381968  
**Publication date:** 2003-05-14  
**Inventor:** BAGALINI DANTE [ZA]; ELRICK DAVID ALEXANDER [ZA]  
**Applicant:** CIRCUIT BREAKER IND [ZA]  
**Classification:**  
- **international:** H02H3/33; H02H3/347  
- **european:** H01H83/14C  
**Application number:** GB20020022305 20020925  
**Priority number(s):** ZA20010008669 20011022

## Abstract of GB2381968

An earth leakage circuit breaker is arranged internally so that it is unusually compact, and is of the same external dimensions as a non-earth leakage circuit breaker in a range of such circuit breakers. This is achieved by locating a toroidal magnetic sensing core 126 between line terminals 136.1, 136.2 of the circuit breaker and its contacts 120, with live and neutral conductors 132, 134 extending transversely from the line terminals 136.1, 136.2, through the core 126 and back to auxiliary line terminals 150 located adjacent the external line terminals and separated from the external terminals by an insulating wall or partition 152.



Data supplied from the **esp@cenet** database - Worldwide